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Pinion Court, Gaithersburg, MD 20878 (US). **HARTLEY, James, L.**; 7409 Hillside Drive, Frederick, MD 21702 (US).

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(74) Agents: **ESMOND, Robert, W.** et al.; Sterne, Kessler, Goldstein & Fox, P.L.L.C., 1100 New York Avenue, Washington, DC 20005 (US).

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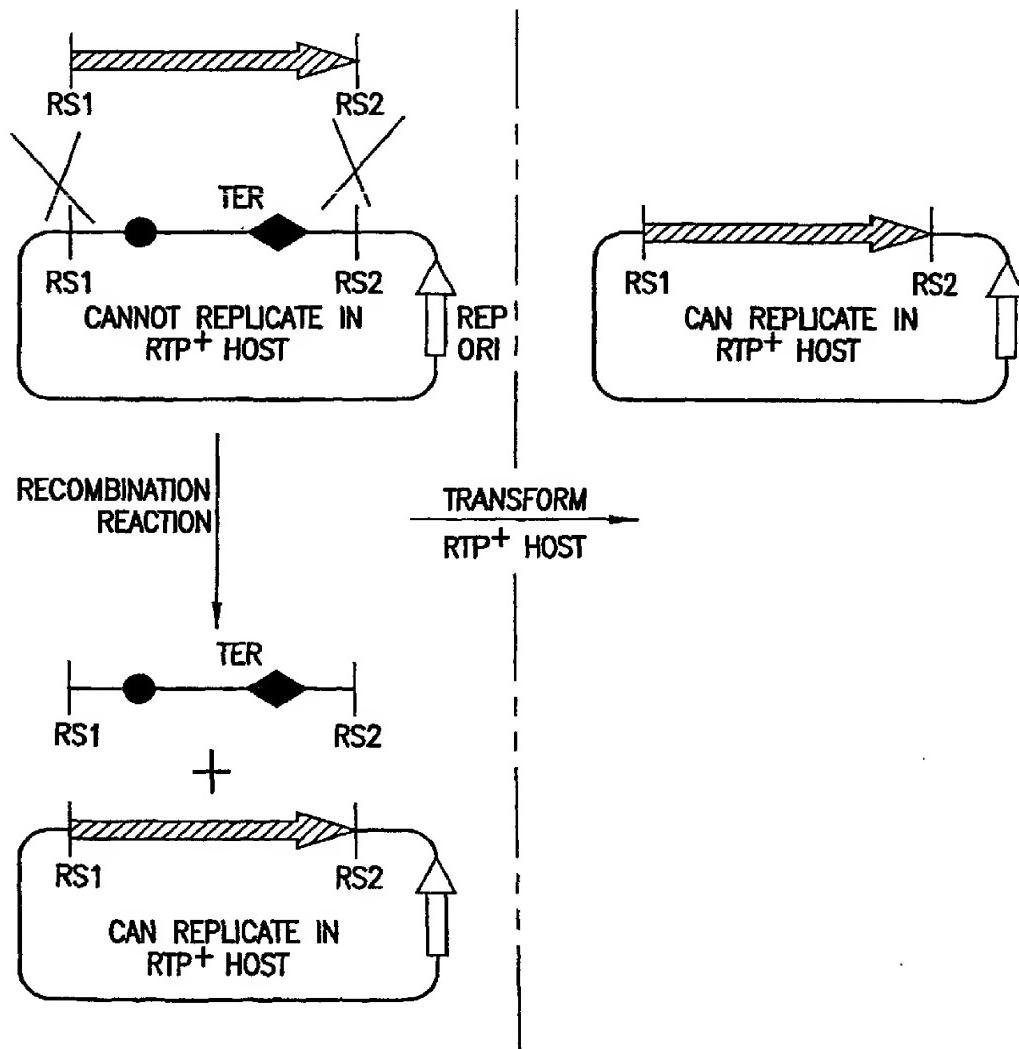
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(71) Applicant: INVITROGEN CORPORATION [US/US];
1600 Faraday Avenue, Carlsbad, CA 92008 (US).

(72) Inventors: BYRD, Devon, R., N.; 51 Cornwallis Drive,
Fredericksburg, VA 22405 (US). YOUNG, Alice; 11116

(54) Title: COMPOSITIONS AND METHODS FOR MOLECULAR BIOLOGY

(57) Abstract: The present invention provides materials and methods for the utilization of the specific interaction of replication termination sequences with their binding proteins in molecular biology applications.



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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C07H 21/04; C12N 15/00, 15/09; C07K 5/00
 US CL : 536/23.1; 435/91.1, 320.1, 69.1; 530/350

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 U.S. : 536/23.1; 435/91.1, 320.1, 69.1; 530/350

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6,251,674 B1 (TOBIN et al) 26 June 2001 (26.06.2001), see the entire patent.	1-98
X,E	US 2003/0176644 A1-(BYRD et al)-18 September 2003 (18.09.2003), see the entire application, especially paragraphs 0146-0189.	1-98
X,P	WO 02/062957 A2 (INVITROGEN CORPORATION) 15 August 2002 (15.08.2002), see the entire application, especially paragraphs 00134-00234.	1-98

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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"O" document referring to an oral disclosure, use, exhibition or other means		
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Name and mailing address of the ISA/US
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 P.O. Box 1450
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Authorized officer

Gerald G Leffers Jr., PhD

Telephone No. (703) 308-0496

INTERNATIONAL SEARCH REPORT

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Continuation of B. FIELDS SEARCHED Item 3:

STN: MEDLINE, EMBASE, BIOSIS, CAPLUS EAST: USPAT, US PGPUBS, EPO, JPO, DERWENT
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